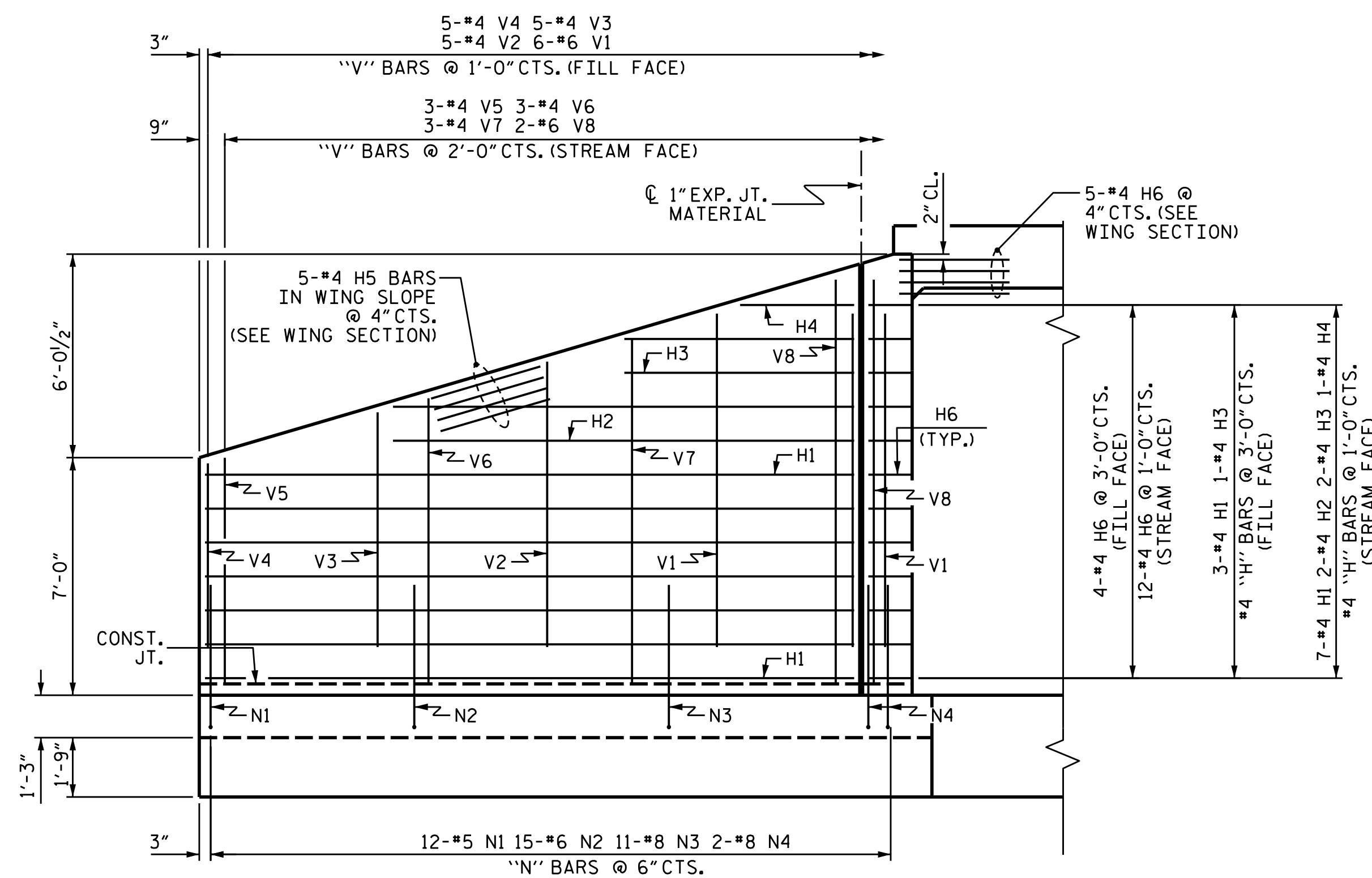
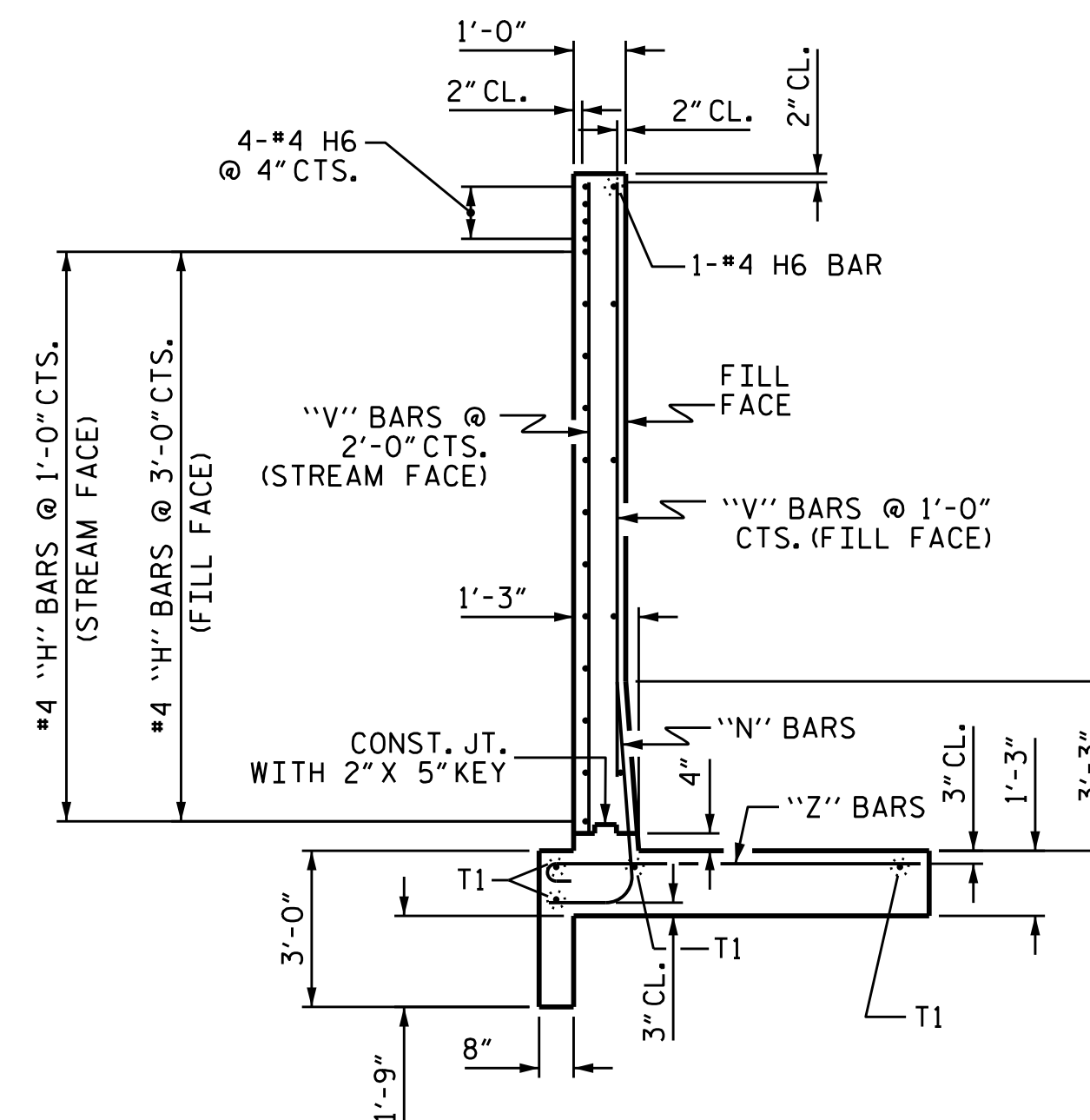


PLAN W4

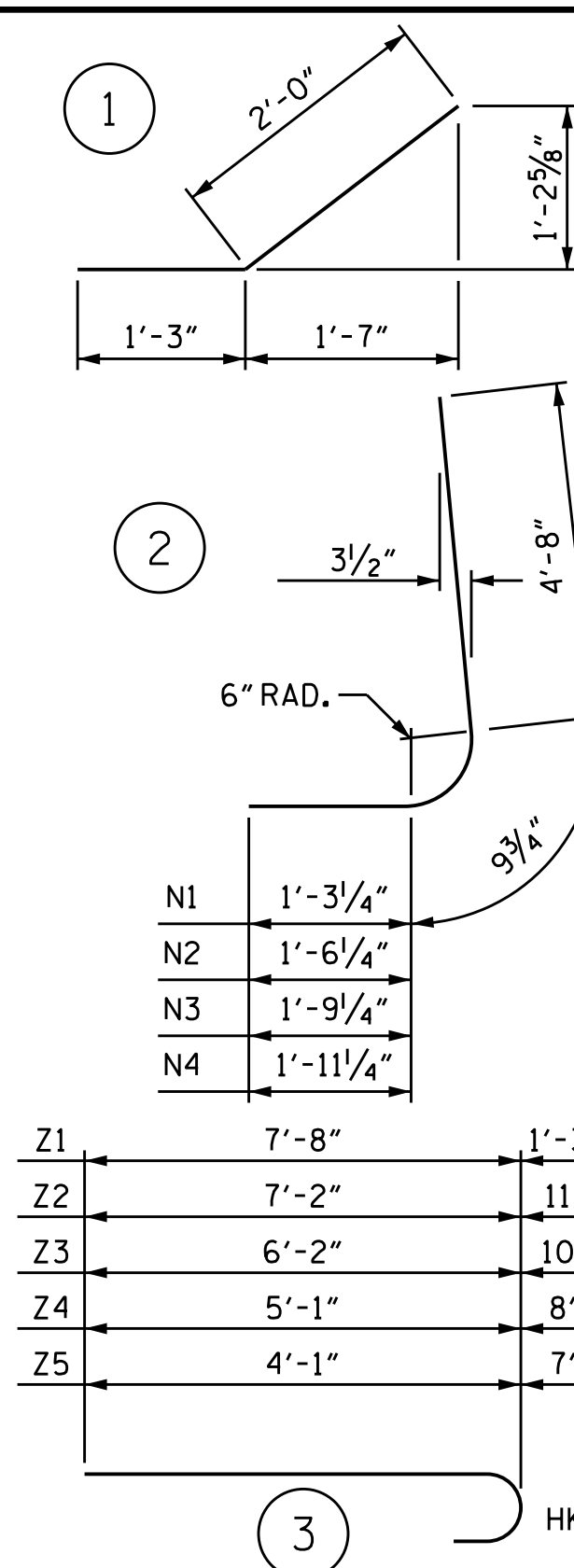


ELEVATION W4



TYPICAL WING SECTION

BAR TYPES



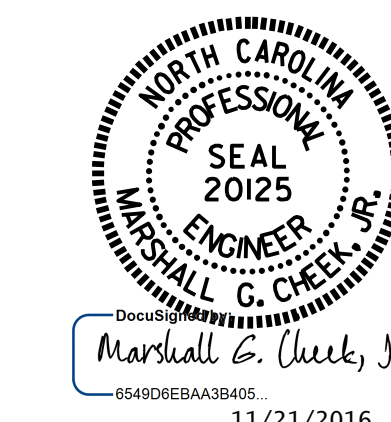
BILL OF MATERIAL

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|---------|--------|
| H1 | 10 | #4 | STR | 19'- 1" | 127 |
| H2 | 2 | #4 | STR | 13'- 7" | 18 |
| H3 | 3 | #4 | STR | 6'- 7" | 13 |
| H4 | 1 | #4 | STR | 3'- 2" | 2 |
| H5 | 5 | #4 | STR | 19'-11" | 67 |
| H6 | 21 | #4 | 1 | 3'- 3" | 46 |
| N1 | 12 | #5 | 2 | 6'- 9" | 84 |
| N2 | 15 | #6 | 2 | 7'- 0" | 158 |
| N3 | 11 | #8 | 2 | 7'- 3" | 213 |
| N4 | 2 | #8 | 2 | 7'- 5" | 40 |
| S4 | 3 | #6 | STR | 6'- 0" | 27 |
| T1 | 4 | #5 | STR | 20'- 4" | 85 |
| V1 | 6 | #6 | STR | 9'- 6" | 86 |
| V2 | 5 | #4 | STR | 8'- 1" | 27 |
| V3 | 5 | #4 | STR | 6'- 8" | 22 |
| V4 | 5 | #4 | STR | 5'- 2" | 17 |
| V5 | 3 | #4 | STR | 6'- 7" | 13 |
| V6 | 3 | #4 | STR | 8'- 4" | 17 |
| V7 | 3 | #4 | STR | 10'- 1" | 20 |
| V8 | 2 | #6 | STR | 11'- 9" | 35 |
| Z1 | 3 | #9 | 3 | 8'-11" | 91 |
| Z2 | 5 | #8 | 3 | 8'- 1" | 108 |
| Z3 | 11 | #7 | 3 | 7'- 0" | 157 |
| Z4 | 11 | #6 | 3 | 5'- 9" | 95 |
| Z5 | 11 | #5 | 3 | 4'- 8" | 54 |

| | | | |
|-------------------------------|--|------|-------|
| REINFORCING STEEL FOR WING W4 | | LBS. | 1,622 |
| CLASS A CONCRETE | | C.Y. | 16.1 |
| WING W4 | | C.Y. | 2.0 |
| CURTAIN WALL | | C.Y. | 1.3 |
| CULVERT HEADWALL | | C.Y. | 1.3 |
| TOTAL | | C.Y. | 19.4 |

NOTE: A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.

PROJECT NO. U-3633
GASTON COUNTY
 STATION: 54+22.00 -L-
 SHEET 12 OF 13



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
WING W4
 FOR
CONCRETE BOX CULVERT
 (RIGHT EXTENSION)
 H=12'-0" 105° SKEW SLOPE=2:1

ASSEMBLED BY: H. A. LOCKLEAR DATE: 3-24-16
 CHECKED BY: K. D. LAYNE DATE: 8/4/16
 DRAWN BY: CCJ 01/00
 CHECKED BY: RWW 03/00

| | | | | | | | | | | | |
|---|-------|-----|-------|-------|-----|-------|-------|-----|-------|----------------|-----------------|
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | NO. 1 | BY: | DATE: | NO. 3 | BY: | DATE: | NO. 4 | BY: | DATE: | SHEET NO. C-12 | TOTAL SHEETS 13 |
|---|-------|-----|-------|-------|-----|-------|-------|-----|-------|----------------|-----------------|